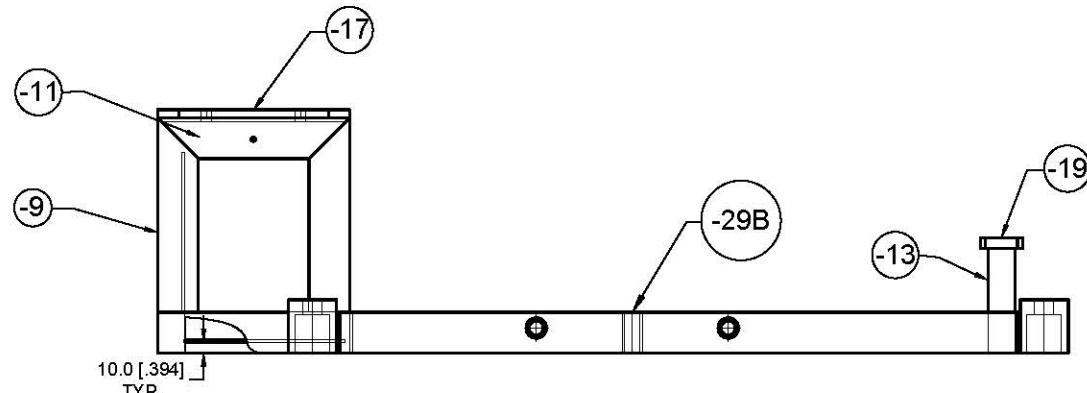
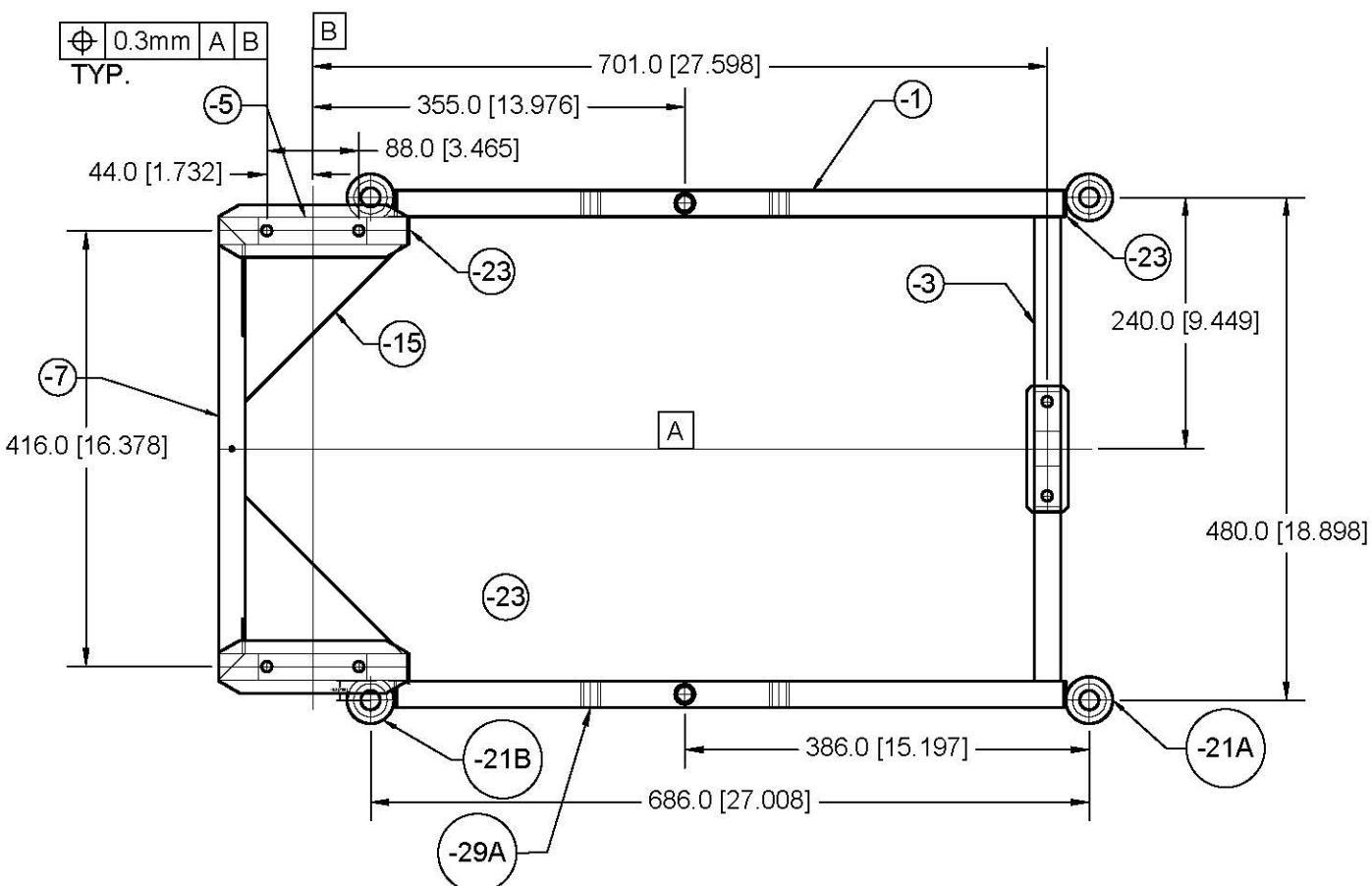


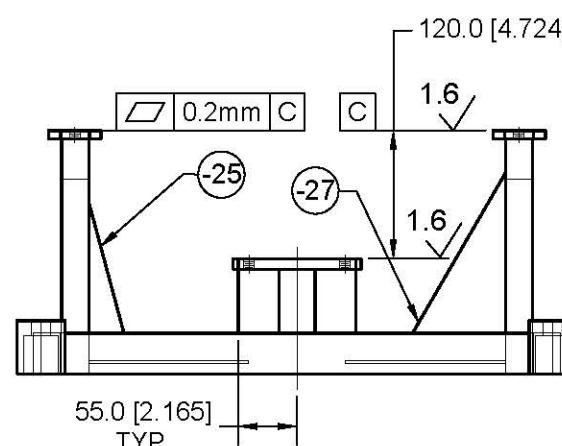
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



NOTES

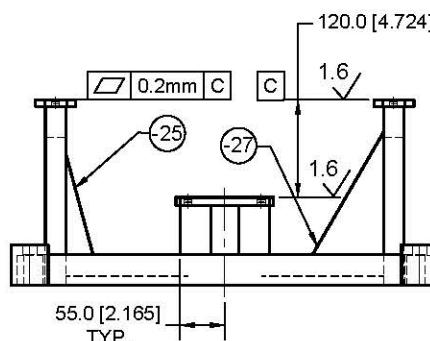
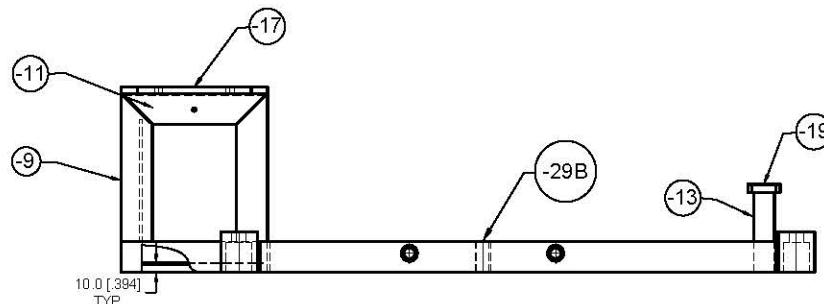
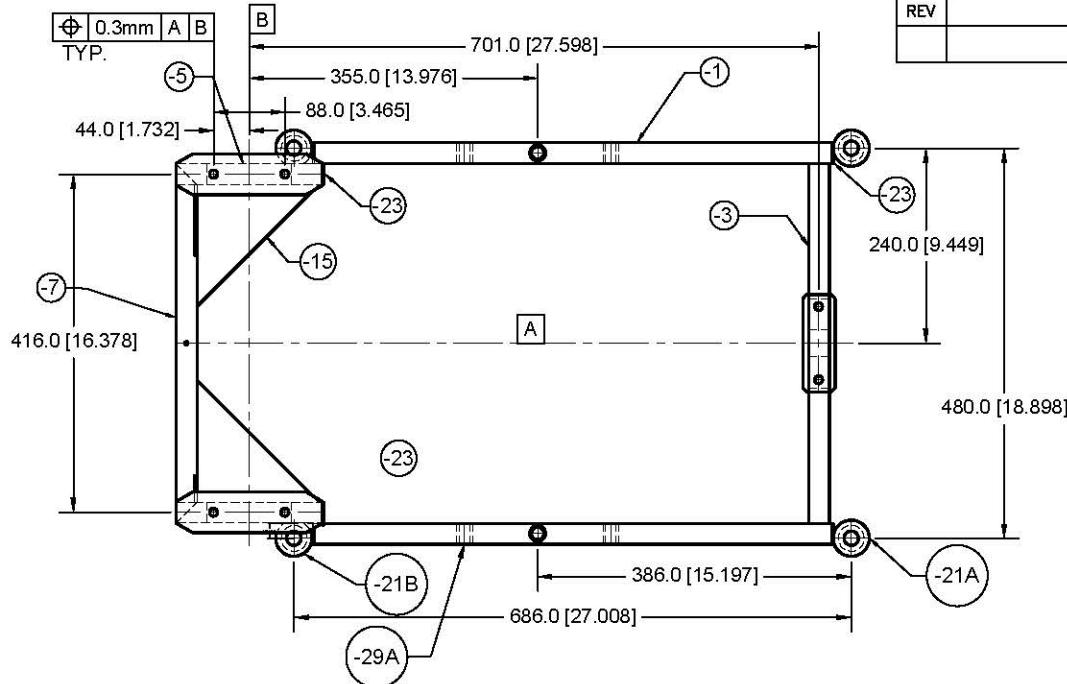
1. FIRST DIMENSION IS METRIC,
SECOND IN BRACKETS IS INCHES.

8819116001 ASSEM.



USED ON MODEL	PERRITT
CHECKED	
HEAT TREAT	
FINISH SPEC	
?	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
TOLERANCES ON: DECIMALS XXX \pm .005 FRACTIONS \pm 1/32	
XX \pm .01 ANGLES \pm 5°	
X \pm .1	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES 0.05 x 45° PR. 0.15 R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	

RB RED BARN MACHINE
TITLE
MOTOR SUPPORT STAND
DWG NO. 8819116000 REV.
SCALE NTS DATE 4-19-06 SHEET 1 of 16

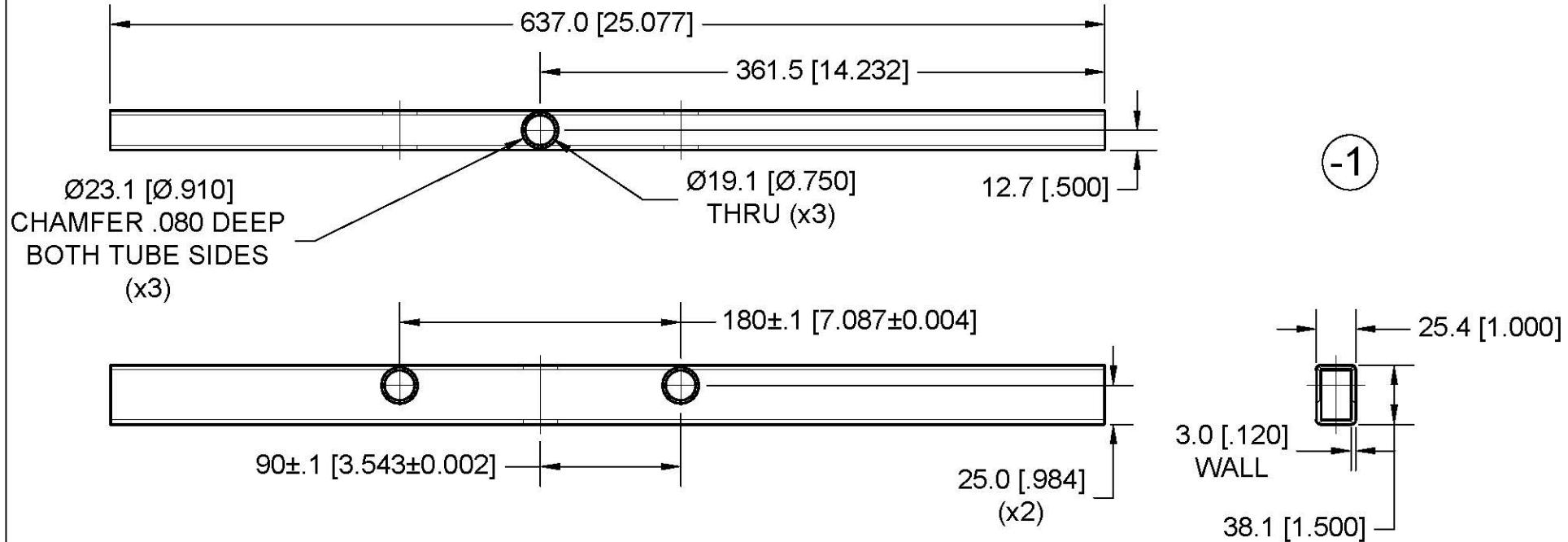


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

PART #	QTY	DESCRIPTION
-1	2	SEE PAGE 2
-3	1	SEE PAGE 3
-5	2	SEE PAGE 5
-7	1	SEE PAGE 5
-9	4	SEE PAGE 6
-11	2	SEE PAGE 7
-13	2	SEE PAGE 8
-15	2	SEE PAGE 9
-17	2	SEE PAGE 10
-19	1	SEE PAGE 11
-21A	2	SEE PAGE 12
-21B	2	SEE PAGE 12
-23	6	SEE PAGE 13
-25	1	SEE PAGE 14
-27	1	SEE PAGE 15
-29A	2	SEE PAGE 16
-29B	2	SEE PAGE 16

DRAWN BY: PERRITT		 RED BARN MACHINE		
APPROVED				
HEAT TREAT				
FINISH SPEC		--		
USED ON MODEL		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		
ARRIEL 1E-1E2		TOLERANCES ON: DECIMALS FRACTIONS $\pm 1/32$ $XXX \pm .005$ $XX \pm .01$ ANGLES $\pm 5^\circ$ $X \pm 1$		
		UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES 0.15 x 45° PR.015 R		
		2 DIMENSIONAL LIMITS APPLY AFTER PLATING		
		TITLE		
		BATI SUPPORT MOTUER		
		DWG NO.		REV
		8819116000		
		SCALE	NTS	DATE 4-14-06
		SHEET 1 of 16		

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



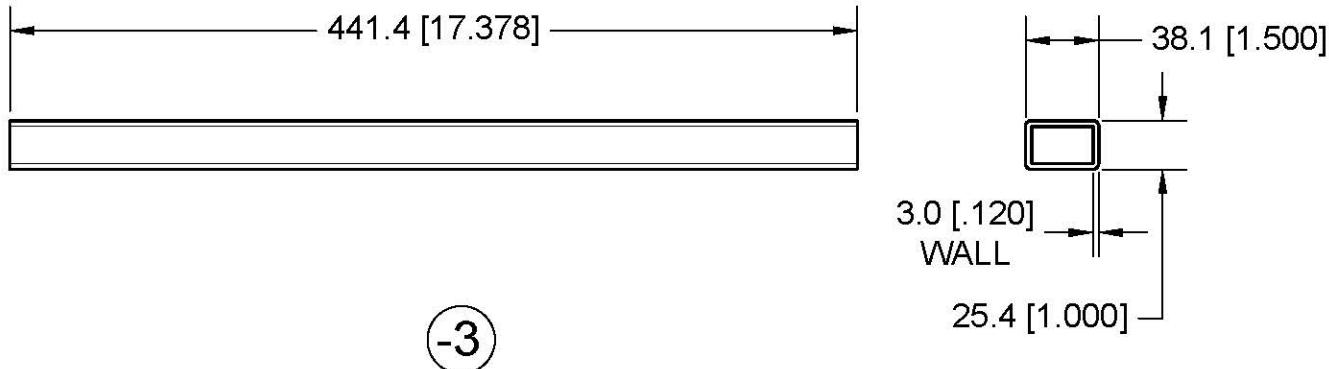
NOTES

1. FIRST DIMENSION IS METRIC,
SECOND IN BRACKETS IS INCHES.

8819116001 ASSEM.

DRAWN BY: PERRITT	APPROVED	RB RED BARN MACHINE	
HEAT TREAT	TITLE		
FINISH SPEC	MOTOR SUPPORT STAND		
USED ON MODEL	DWG NO. 8819116000 REV		
ARRIEL 1E-1E2	SCALE NTS DATE 4-14-06 SHEET 2 of 16		
PART #	QTY	DESCRIPTION	
-1	2	1" x 1-1/2" x .120 WALL x 25-1/4 LONG RECT. STEEL TUBING	
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS XXX ± .005 FRACTIONS ± 1/32 XX ± .01 ANGLES ± 5° X ± .1 UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES 0.15 x 45° PR 0.15 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



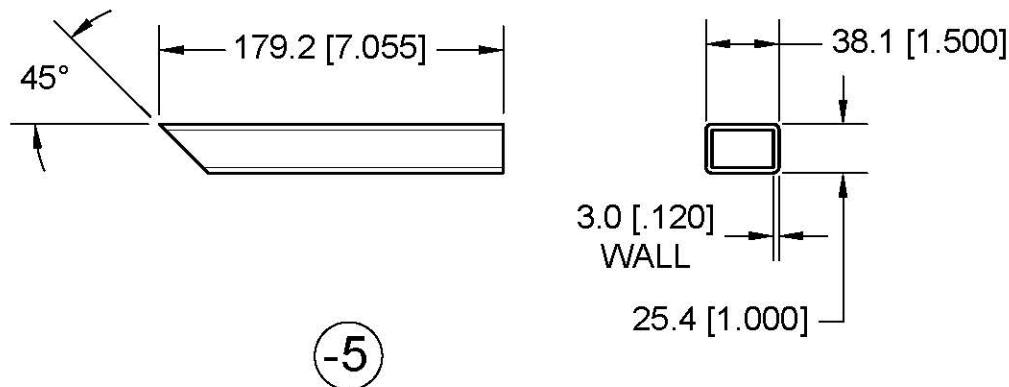
NOTES

1. FIRST DIMENSION IS METRIC,
SECOND IN BRACKETS IS INCHES.

8819116001 ASSEM.

			DRAWN BY: PERRITT		
			APPROVED		
			HEAT TREAT		
			FINISH SPEC	--	
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS XXX \pm .005 FRACTIONS \pm 1/32 XX \pm .01 ANGLES \pm 5° X \pm .1		
			UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES 0.15 x 45° PR 0.15 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		
PART #	QTY	DESCRIPTION	TITLE		
-3	1	1" x 1-1/2" x .120 WALL x 17-5/8 LONG RECT. STEEL TUBING	RED BARN MACHINE		
			MOTOR SUPPORT STAND		
			DWG NO.	REV	
			8819116000		
			SCALE	NTS	DATE 4-14-06 SHEET 3 of 16

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



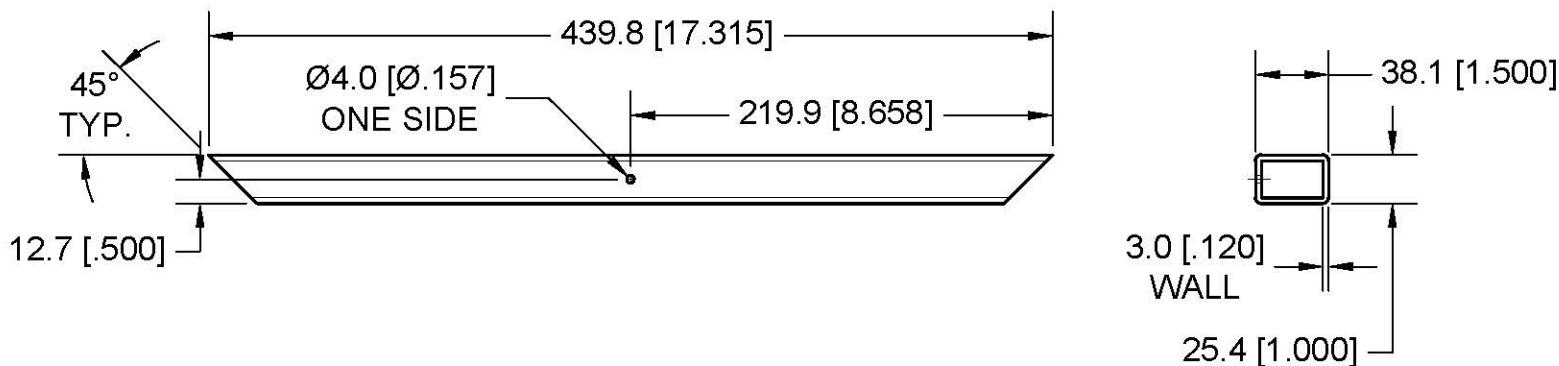
NOTES

1. FIRST DIMENSION IS METRIC,
SECOND IN BRACKETS IS INCHES.

8819116001 ASSEM.

DRAWN BY: PERRITT	APPROVED	
HEAT TREAT		
FINISH SPEC	--	
USED ON MODEL ARRIEL 1E-1E2		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		
TOLERANCES ON:		
DECIMALS XXX \pm .005 FRACTIONS \pm 1/32		
XX \pm .01 ANGLES \pm 5°		
X \pm .1		
UNLESS OTHERWISE SPECIFIED		
1. BREAK ALL SHARP EDGES		
.015 x 45° PR 0.15 R		
2. DIMENSIONAL LIMITS APPLY AFTER PLATING		
RB RED BARN MACHINE		
TITLE MOTOR SUPPORT STAND		
DWG NO. 8819116000 REV		
SCALE NTS	DATE 4-14-06 SHEET 4 of 16	
PART #	QTY	DESCRIPTION
-5	2	1" x 1-1/2" x .120 WALL x 7-1/4 LONG RECT. STEEL TUBING

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



(-7)

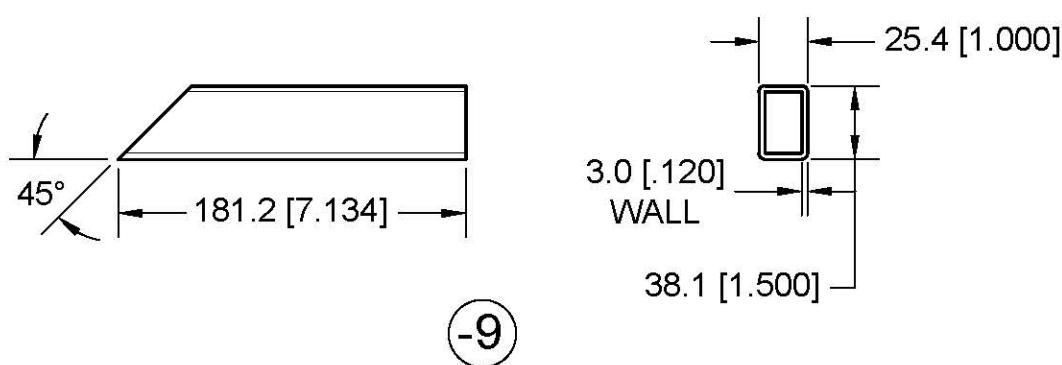
NOTES

1. FIRST DIMENSION IS METRIC,
SECOND IN BRACKETS IS INCHES.

8819116001 ASSEM.

PART #	QTY	DESCRIPTION	DRAWN BY: PERRITT	TITLE	DWG NO. 8819116000	REV
			APPROVED			
-7	1	1" x 1-1/2" x .120 WALL x 17-1/2 LONG RECT. STEEL TUBING	USED ON MODEL ARRIEL 1E-1E2	RB RED BARN MACHINE MOTOR SUPPORT STAND		
			HEAT TREAT FINISH SPEC --	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS XXX ± .005 FRACTIONS ± 1/32 XX ± .01 ANGLES ± 5° X ± .1		
				UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES Ø15 x 45° PR 0.15 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	SCALE NTS	DATE 4-14-06 SHEET 5 of 16

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



NOTES

1. FIRST DIMENSION IS METRIC,
SECOND IN BRACKETS IS INCHES.

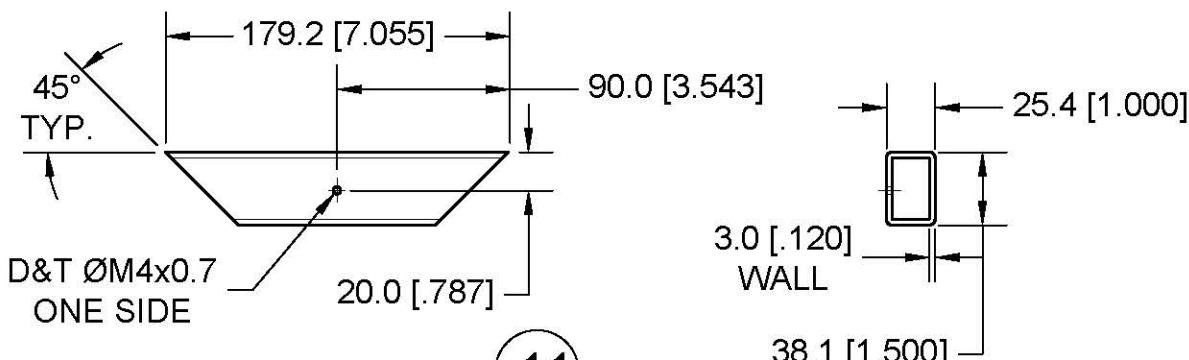
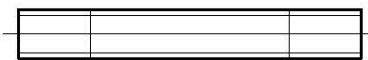
8819116001 ASSEM.

DRAWN BY: PERRITT	APPROVED
HEAT TREAT	
FINISH SPEC	--
USED ON MODEL ARRIEL 1E-1E2	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
TOLERANCES ON:	
DECIMALS XXX \pm .005 FRACTIONS \pm 1/32	
XX \pm .01 ANGLES \pm 5°	
X \pm .1	
UNLESS OTHERWISE SPECIFIED	
1. BREAK ALL SHARP EDGES	
.015 x 45° PR 0.15 R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
RB RED BARN MACHINE	
TITLE MOTOR SUPPORT STAND	
DWG NO. 8819116000 REV	
SCALE NTS	DATE 4-14-06
SHEET 6 of 16	

PART # QTY DESCRIPTION

-9 4 1" x 1-1/2" x .120 WALL x 7-1/4 LONG RECT. STEEL TUBING

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



NOTES

-11

1. FIRST DIMENSION IS METRIC,
SECOND IN BRACKETS IS INCHES.
2. FACE, DRILL & TAP AFTER WELDING

PART #	QTY	DESCRIPTION
-11	2	1" x 1-1/2" x .120 WALL x 7-1/4 LONG RECT. STEEL TUBING

DRAWN BY:	PERRITT
APPROVED	
HEAT TREAT	
FINISH SPEC	--

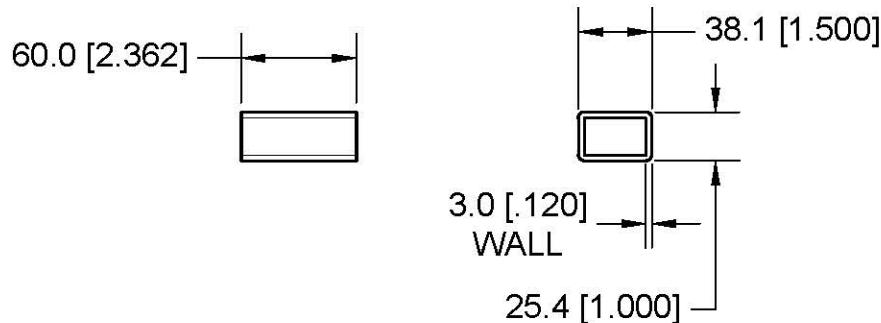
USED ON MODEL
ARRIEL 1E-1E2

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON:
DECIMALS
XXX \pm .005 FRACTIONS \pm 1/32
XX \pm .01 ANGLES \pm 5°
X \pm .1

UNLESS OTHERWISE SPECIFIED
1. BREAK ALL SHARP EDGES
.015 x 45° PR .015 R
2. DIMENSIONAL LIMITS APPLY AFTER PLATING

RB RED BARN MACHINE
MOTOR SUPPORT STAND
DWG NO. 8819116000 REV
SCALE NTS DATE 4-14-06 SHEET 7 of 16

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



-13

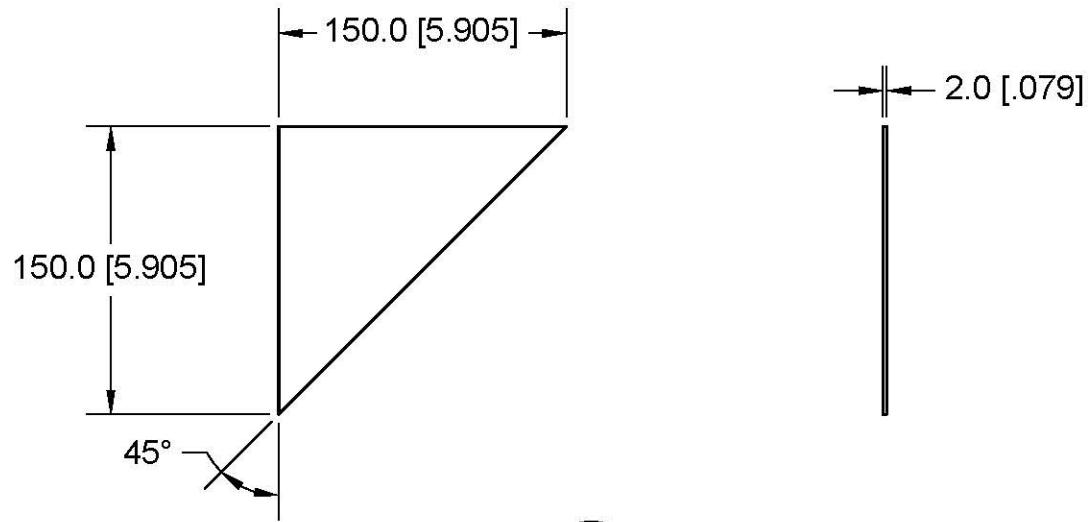
NOTES

1. FIRST DIMENSION IS METRIC,
SECOND IN BRACKETS IS INCHES.

8819116001 ASSEM.

DRAWN BY: PERRITT	APPROVED	HEAT TREAT	TITLE	
USED ON MODEL	ARRIEL 1E-1E2	FINISH SPEC	RED BARN MACHINE	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES				
TOLERANCES ON:				
DECIMALS XXX \pm .005 FRACTIONS \pm 1/32				
XX \pm .01 ANGLES \pm 5°				
X \pm .1				
UNLESS OTHERWISE SPECIFIED				
1. BREAK ALL SHARP EDGES				
.015 x 45° PR 0.15 R				
2. DIMENSIONAL LIMITS APPLY AFTER PLATING				
PART #	QTY	DESCRIPTION	DWG NO.	REV
-13	2	1" x 1-1/2" x .120 WALL x 2-1/2 LONG RECT. STEEL TUBING	8819116000	
			SCALE NTS	DATE 4-14-06
				SHEET 8 of 16

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



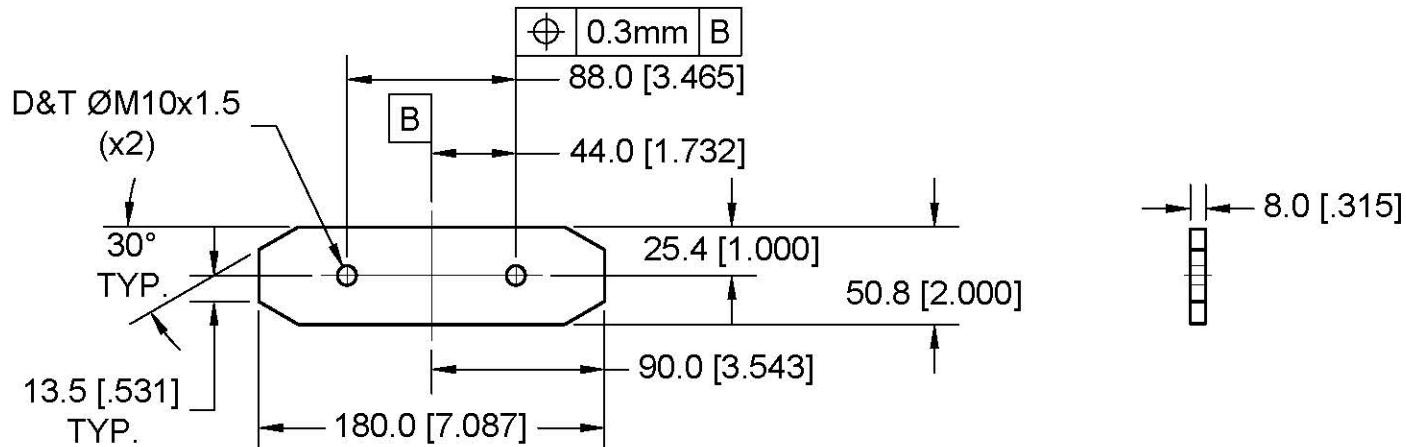
NOTES

1. FIRST DIMENSION IS METRIC,
SECOND IN BRACKETS IS INCHES.

8819116001 ASSEM.

PART #	QTY	DESCRIPTION	DRAWN BY: PERRITT	TITLE	DWG NO. 8819116000	REV
			APPROVED			
-15	2	6" X 8" X 14 GAUGE C.R. SHEET STEEL	USED ON MODEL ARRIEL 1E-1E2	RB RED BARN MACHINE MOTOR SUPPORT STAND		
			DECIMALS XXX \pm .005 XX \pm .01 X \pm .1	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: 1. BREAK ALL SHARP EDGES 0.15 x 45° PR 0.15 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	NTS	DATE 4-14-06 SHEET 9 of 16

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



-17

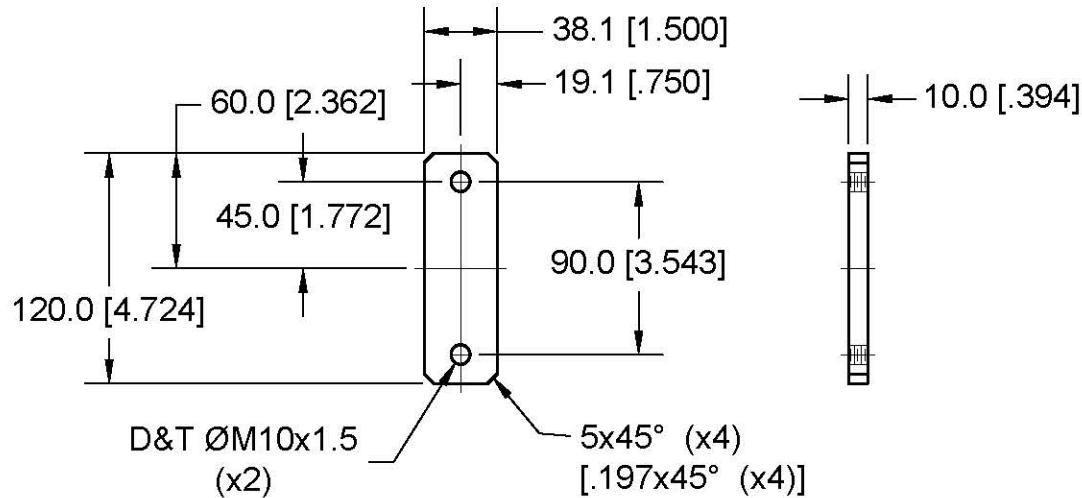
NOTES

1. FIRST DIMENSION IS METRIC,
SECOND IN BRACKETS IS INCHES.
2. FACE, DRILL & TAP AFTER WELDING

8819116001 ASSEM.

PART #	QTY	DESCRIPTION	DRAWN BY: PERRITT	TITLE	DWG NO. 8819116000	REV
			APPROVED			
		1018 2" x 3/8" x 7-1/4" LONG FLAT BAR	USED ON MODEL ARRIEL 1E-1E2	RB RED BARN MACHINE MOTOR SUPPORT STAND		
			HEAT TREAT FINISH SPEC --	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS XXX ± .005 FRACTIONS ± 1/32 XX ± .01 ANGLES ± 5° X ± .1		
				UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES 0.15 x 45° PR 0.15 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	SCALE NTS	DATE 4-14-06 SHEET 10 of 16

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



-19

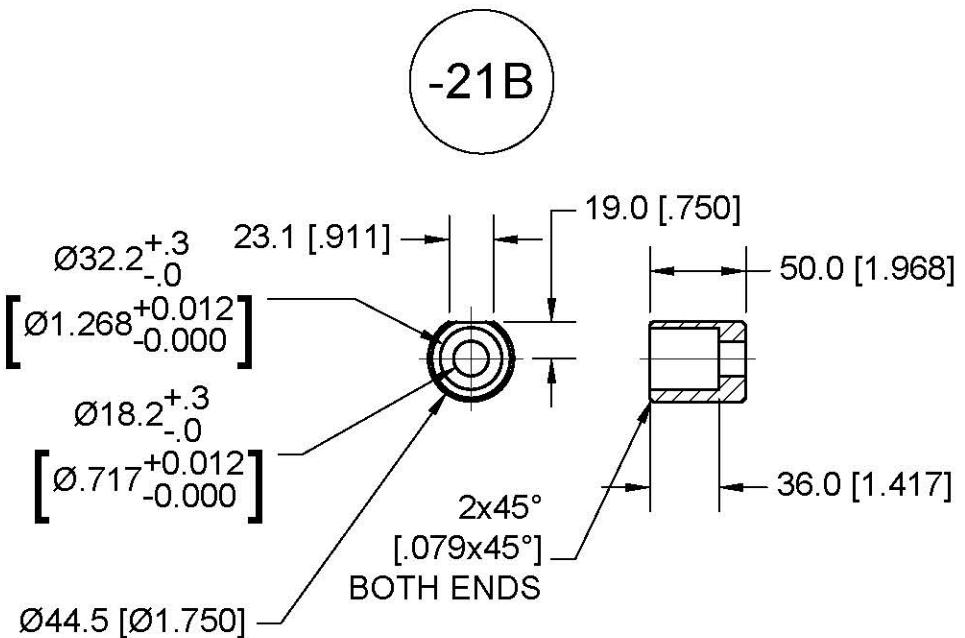
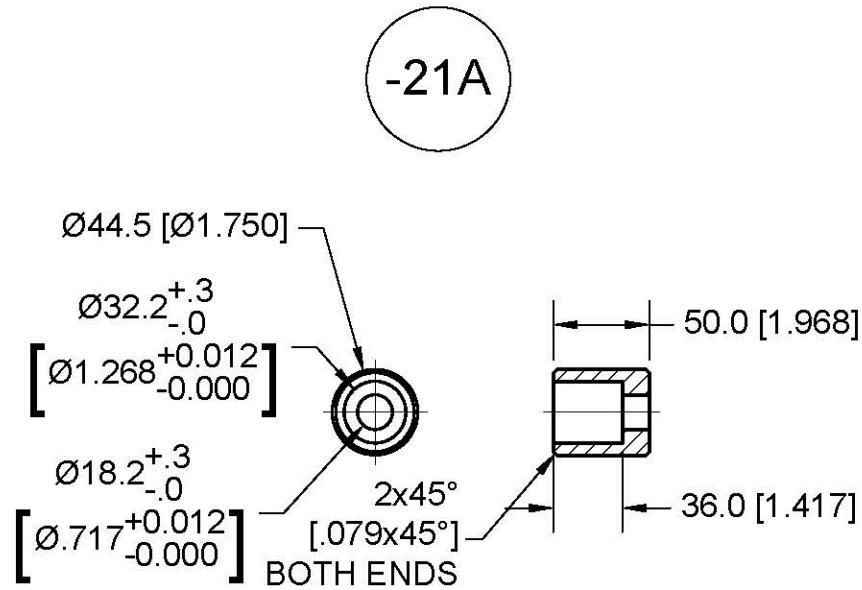
NOTES

1. FIRST DIMENSION IS METRIC,
SECOND IN BRACKETS IS INCHES.

8819116001 ASSEM.

DRAWN BY: PERRITT		
APPROVED		
HEAT TREAT		
FINISH SPEC --		
USED ON MODEL ARRIEL 1E-1E2		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		
TOLERANCES ON:		
DECIMALS XXX \pm .005 FRACTIONS \pm 1/32		
XX \pm .01 ANGLES \pm 5°		
X \pm .1		
UNLESS OTHERWISE SPECIFIED		
1. BREAK ALL SHARP EDGES		
.015 x 45° PR 0.15 R		
2. DIMENSIONAL LIMITS APPLY AFTER PLATING		
RB RED BARN MACHINE		
TITLE MOTOR SUPPORT STAND		
DWG NO. 8819116000 REV		
SCALE NTS	DATE 4-14-06	SHEET 11 OF 16
PART #	QTY	DESCRIPTION
-19	1	1018 1-1/2" x 1/2" x 5" LONG FLAT BAR

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



NOTES

1. FIRST DIMENSION IS METRIC,
SECOND IN BRACKETS IS INCHES.

8819116001 ASSEM.

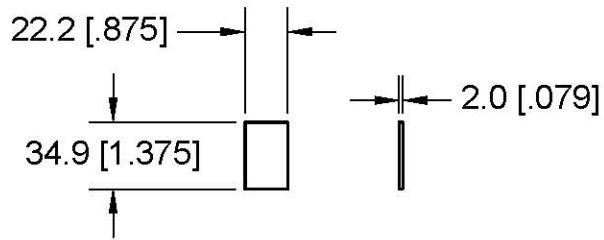
PART #	QTY	DESCRIPTION
-21A	1	1018 1-3/4" x 2-1/8 RND STOCK
-21B	1	1018 1-3/4" x 2-1/8 RND STOCK

USED ON MODEL
ARRIEL 1E-1E2

DRAWN BY: PERRITT
APPROVED
HEAT TREAT
FINISH SPEC --
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON:
DECIMALS XXX \pm .005 FRACTIONS \pm 1/32
XX \pm .01 ANGLES \pm 5°
X \pm .1
UNLESS OTHERWISE SPECIFIED
1. BREAK ALL SHARP EDGES
0.015 x 45° PR 0.015 R
2. DIMENSIONAL LIMITS APPLY AFTER PLATING

RB RED BARN MACHINE
TITLE
MOTOR SUPPORT STAND
DWG NO. 8819116000 REV
SCALE NTS DATE 4-14-06 SHEET 12 OF 16

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



-23

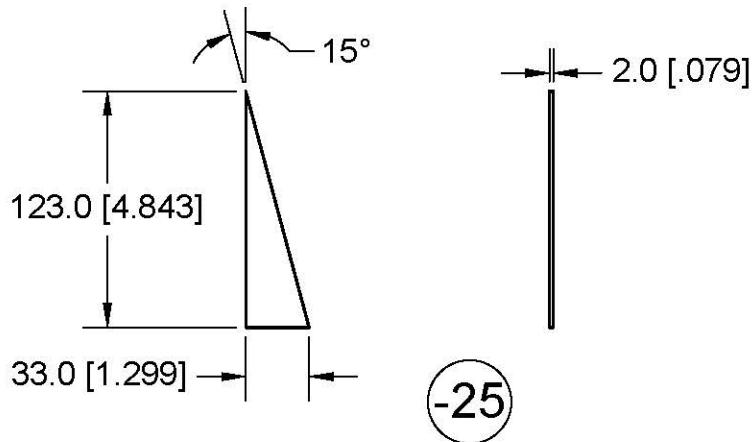
NOTES

1. FIRST DIMENSION IS METRIC,
SECOND IN BRACKETS IS INCHES.

8819116001 ASSEM.

DRAWN BY: PERRITT	APPROVED	TITLE	
HEAT TREAT		RED BARN MACHINE	
FINISH SPEC	--	MOTOR SUPPORT STAND	
USED ON MODEL		DWG NO. 8819116000	
ARRIEL 1E-1E2		REV	
PART # QTY		SCALE NTS DATE 4-14-06 SHEET 13 OF 16	
DESCRIPTION		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS XXX \pm .005 FRACTIONS \pm 1/32 XX \pm .01 ANGLES \pm 5° X \pm .1 UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES 0.15 x 45° PR 0.15 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
-23 6		7/8" x 1-3/8 x 14 GAUGE C.R. SHEET STEEL	

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



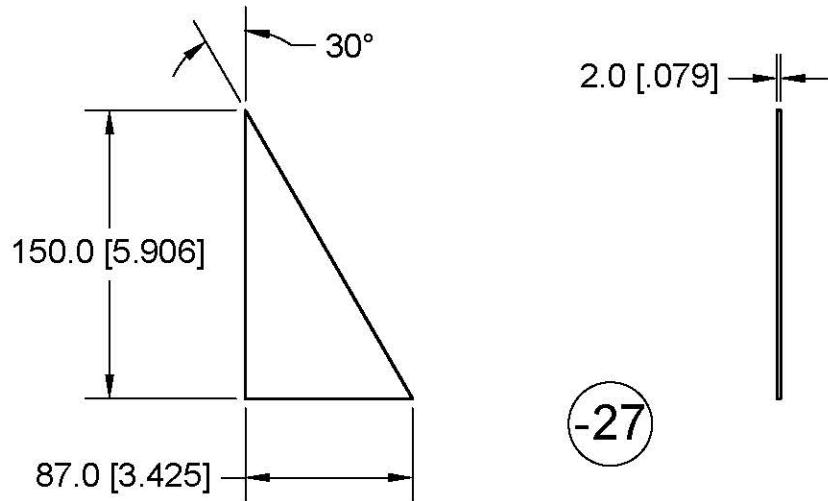
NOTES

1. FIRST DIMENSION IS METRIC,
SECOND IN BRACKETS IS INCHES.

8819116001 ASSEM.

			DRAWN BY: PERRITT		
			APPROVED		
			HEAT TREAT		
			FINISH SPEC	--	
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS XXX \pm .005 FRACTIONS \pm 1/32 XX \pm .01 ANGLES \pm 5° X \pm .1		
			UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES 0.15 x 45° PR 0.15 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		
PART #	QTY	DESCRIPTION	TITLE		
-25	1	1-1/2" x 5" x 14 GAUGE C.R. SHEET STEEL	RED BARN MACHINE MOTOR SUPPORT STAND		REV
			DWG NO.	8819116000	
			SCALE	NTS	DATE 4-14-06 SHEET 14 OF 16

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



-27

NOTES

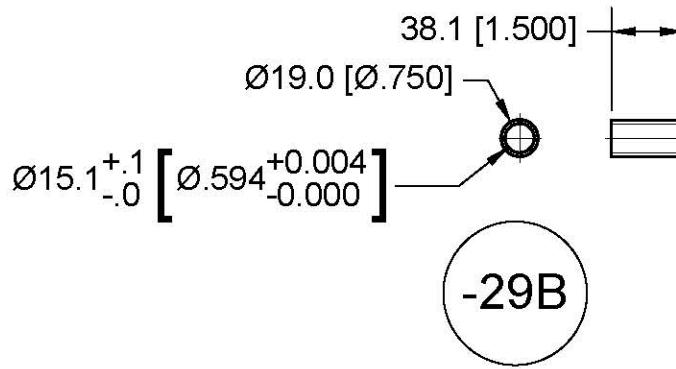
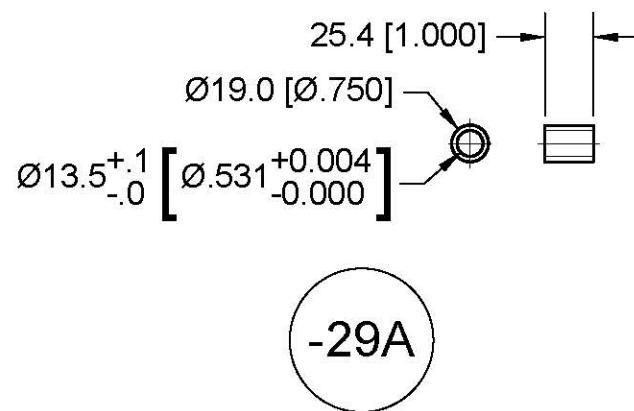
1. FIRST DIMENSION IS METRIC,
SECOND IN BRACKETS IS INCHES.

8819116001 ASSEM.

DRAWN BY:	PERRITT	
APPROVED		
HEAT TREAT		
FINISH SPEC	--	
USED ON MODEL	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
ARRIEL 1E-1E2	TOLERANCES ON: DECIMALS XXX \pm .005 FRACTIONS \pm 1/32 XX \pm .01 ANGLES \pm 5° X \pm .1	
PART #	QTY	DESCRIPTION
-27	1	3-1/2" x 6" x 14 GAUGE C.R. SHEET STEEL
RB RED BARN MACHINE		
TITLE		
MOTOR SUPPORT STAND		
DWG NO.	REV	
8819116000		
SCALE	NTS	DATE 4-14-06 SHEET 15 OF 16

UNLESS OTHERWISE SPECIFIED
1. BREAK ALL SHARP EDGES
0.15 x 45° PR 0.15 R
2. DIMENSIONAL LIMITS APPLY AFTER PLATING

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



NOTES

1. FIRST DIMENSION IS METRIC,
SECOND IN BRACKETS IS INCHES.

8819116001 ASSEM.

PART #	QTY	DESCRIPTION
-29A	4	3/4" O.D. x .120 WALL x 1-1/8" LONG CDS STEEL TUBING
-29B	2	3/4" O.D. x .120 WALL x 1-1/2" LONG CDS STEEL TUBING

USED ON MODEL ARRIEL 1E-1E2	DRAWN BY: PERRITT APPROVED HEAT TREAT FINISH SPEC --	RB RED BARN MACHINE TITLE MOTOR SUPPORT STAND DWG NO. 8819116000 REV
	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS XXX ± .005 FRACTIONS ± 1/32 XX ± .01 ANGLES ± 5° X ± .1 UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	SCALE NTS DATE 4-14-06 SHEET 16 of 16